

## Comparison of Values for Screening Programs

*Draft - based on 4/29/02 models*

Type of Disorder	Frequency in 1 per listed basis	Rankings Basis		DOH Lab Test Without Tandem Mass Spectrometry				
		Cost	Net Benefit	Cost of Screen	Net Benefits	Net w/o Mortality	\$/ year of life	All normal life
Homocystinuria	361,336	1		\$ 2,900,000	\$ (1,700,000)	\$ (2,000,000)	\$ 600,000	-
MSUD	130,745	1	7	\$ 2,900,000	\$ 3,800,000	\$ (2,200,000)	\$ 30,000	-
Biotinidase	80,423	2	5	\$ 3,300,000	\$ 9,300,000	\$ (2,200,000)	\$ 40,000	+
Galactosemia	60,002	1	3	\$ 2,900,000	\$ 14,100,000	\$ (4,000,000)	\$ 30,000	-

Type of Disorder	Frequency in 1 per listed basis	Rankings Basis		DOH Lab Test With Tandem Mass Spectrometry				
		Cost	Net Benefit	Cost of Screen	Net Benefits	Net w/o Mortality	\$/ year of life	All normal life
MCAD*	23,000	3	4	\$ 12,700,000	\$ 13,300,000	\$ 90,000	\$ 90,000	+
Homocystinuria	180,668		8	\$ 1,100,000	\$ 1,500,000	\$ 1,000,000	\$ 120,000	-
MSUD	130,745		6	\$ 1,100,000	\$ 5,600,000	\$ (400,000)	\$ 10,000	-
Tandem Mass Spec		4	2	\$ 14,900,000	\$ 20,400,000	\$ 700,000	\$ 70,000	